

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132379.D
 Acq On : 09 Feb 2023 15:26
 Operator : CG\JU
 Sample : 01508-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-3

Quant Time: Feb 10 00:59:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	150311	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	566817	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	290395	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	538258	20.000	ng	0.00
76) Chrysene-d12	14.248	240	295908	20.000	ng	0.00
86) Perylene-d12	15.818	264	274011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1040537	111.273	ng	0.01
7) Phenol-d6	6.666	99	1220068	105.829	ng	0.00
23) Nitrobenzene-d5	7.607	82	751063	73.736	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	433710	145.233	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1445929	76.891	ng	0.00
79) Terphenyl-d14	13.183	244	1536418	100.439	ng	0.00

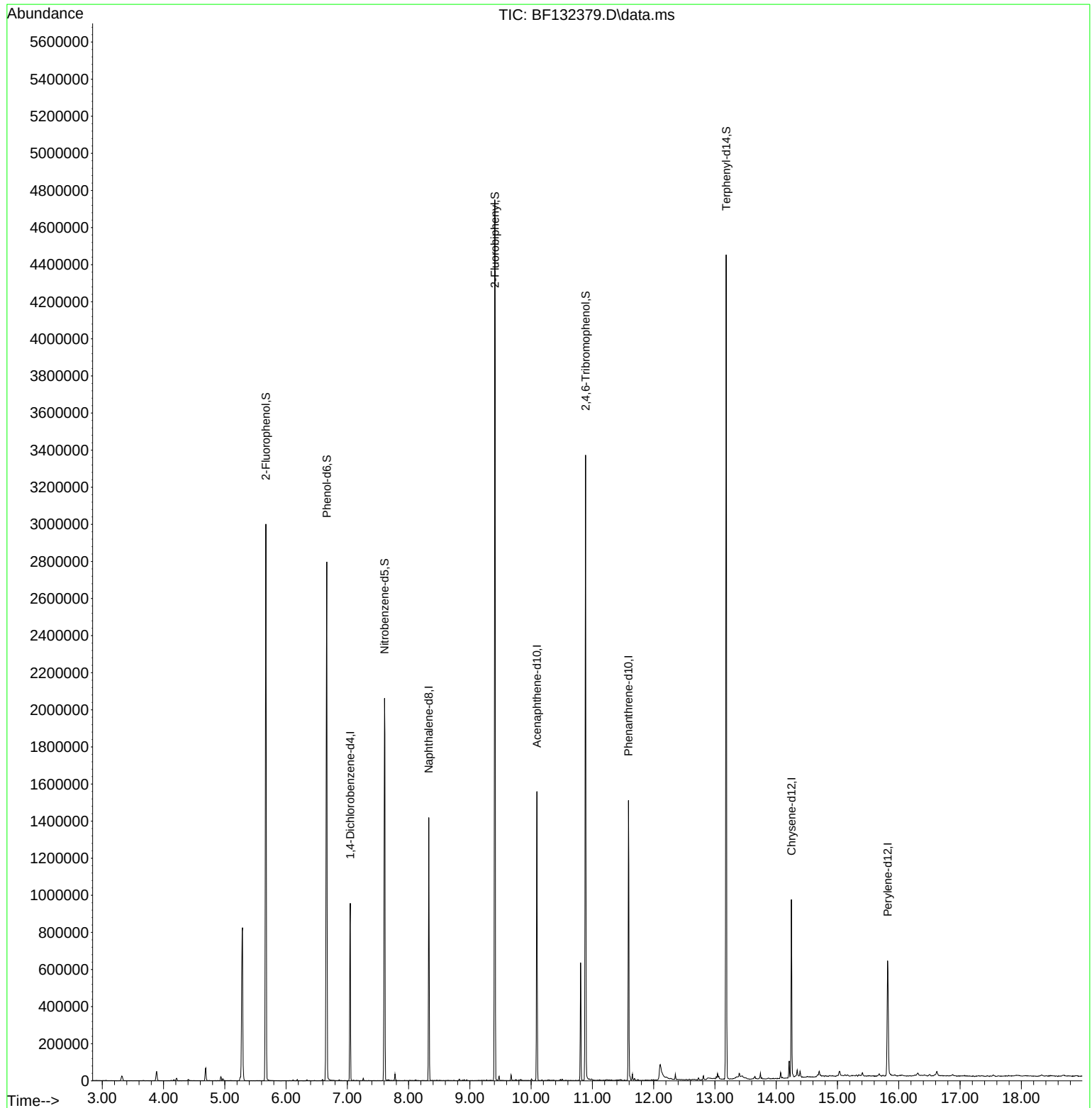
Target Compounds	Qvalue

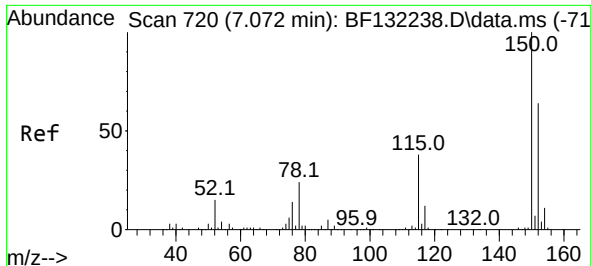
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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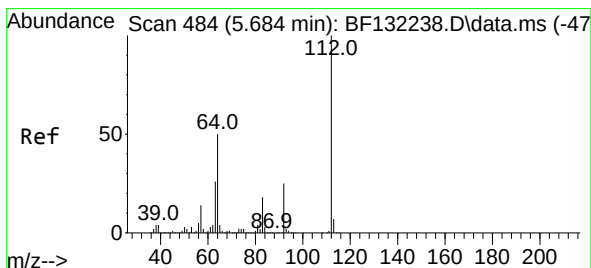
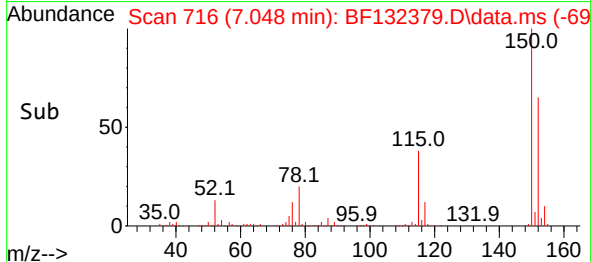
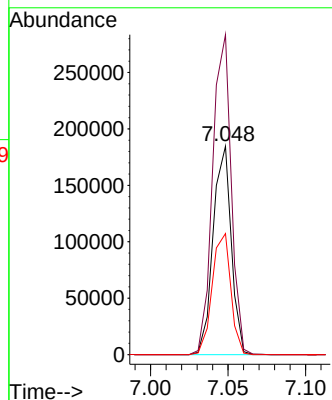
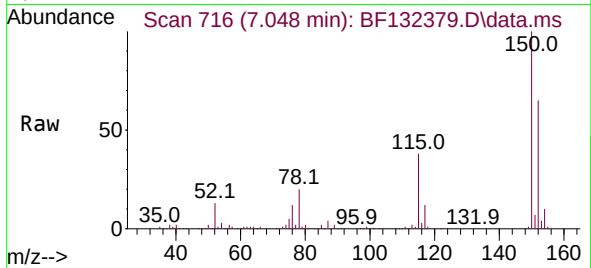




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132379.D
 Acq: 09 Feb 2023 15:26

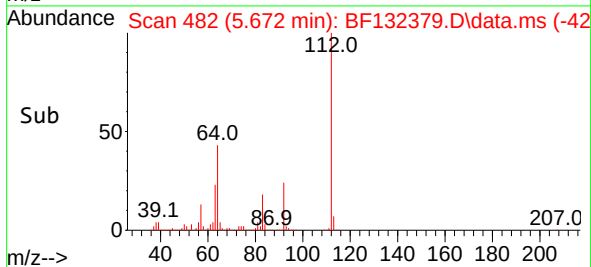
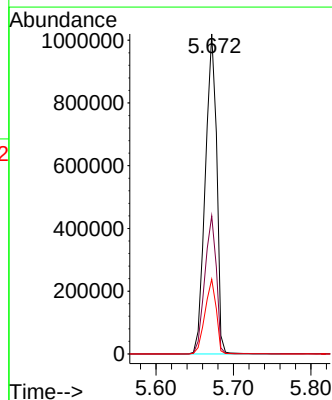
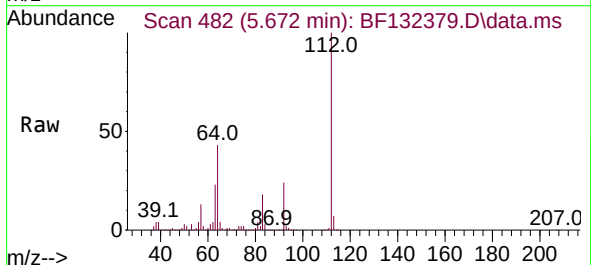
Instrument :
 BNA_F
 ClientSampleId :
 RS-3

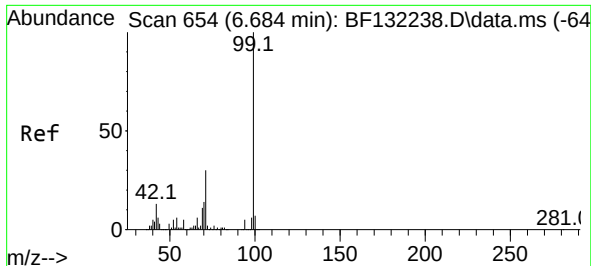
Tgt Ion:152 Resp: 150311
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 58.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 111.273 ng
 RT: 5.672 min Scan# 482
 Delta R.T. 0.012 min
 Lab File: BF132379.D
 Acq: 09 Feb 2023 15:26

Tgt Ion:112 Resp: 1040537
 Ion Ratio Lower Upper
 112 100
 64 43.1 40.0 60.0
 63 23.4 20.5 30.7

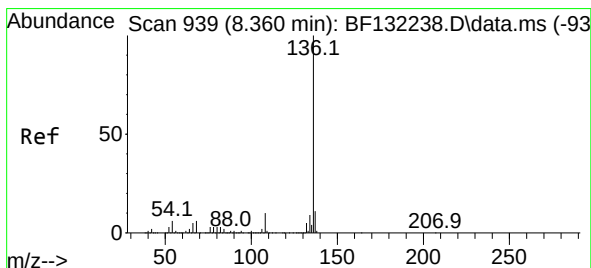
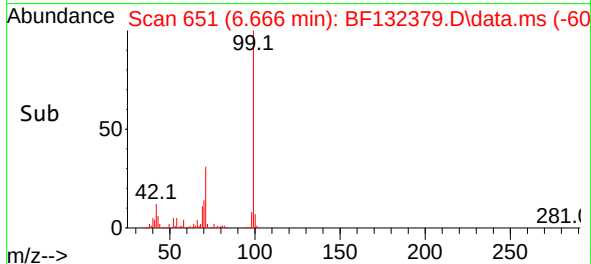
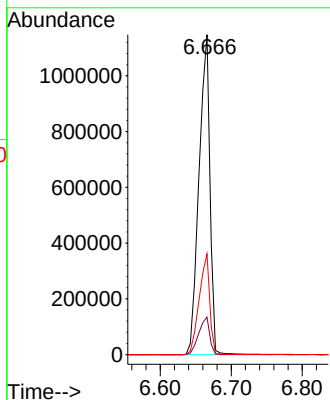
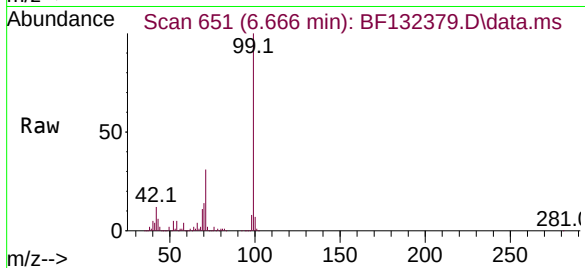




#7
Phenol-d6
Concen: 105.829 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

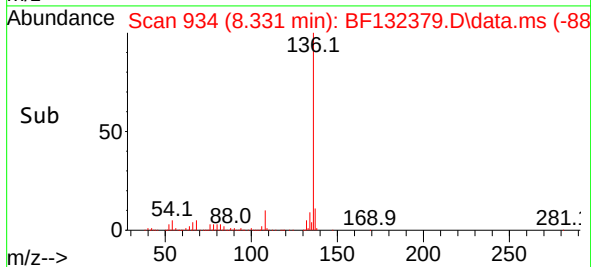
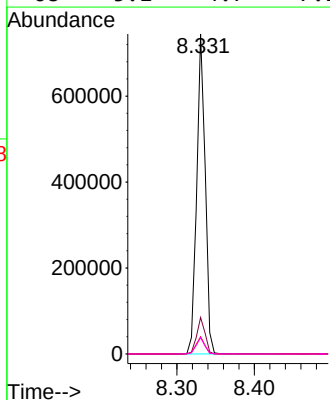
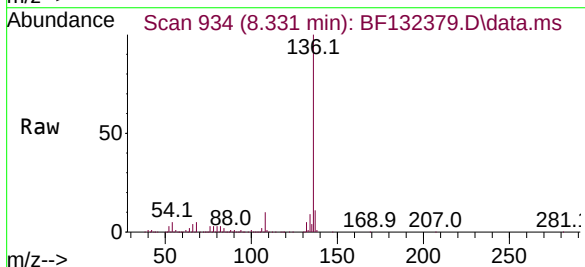
Instrument :
BNA_F
ClientSampleId :
RS-3

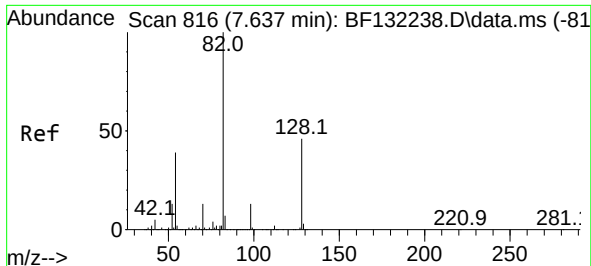
Tgt Ion: 99 Resp: 1220068
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 31.5 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion: 136 Resp: 566817
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.4 4.9 7.3
68 5.1 4.7 7.1

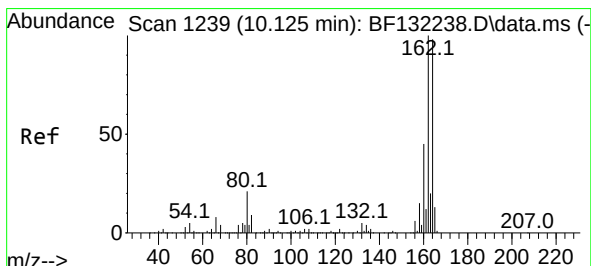
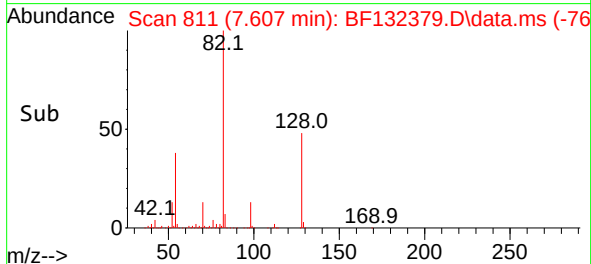
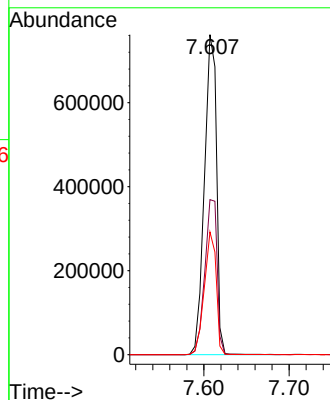
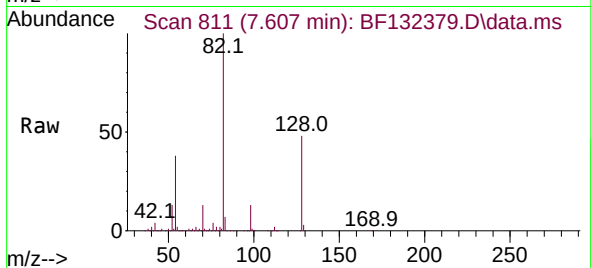




#23
Nitrobenzene-d5
Concen: 73.736 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

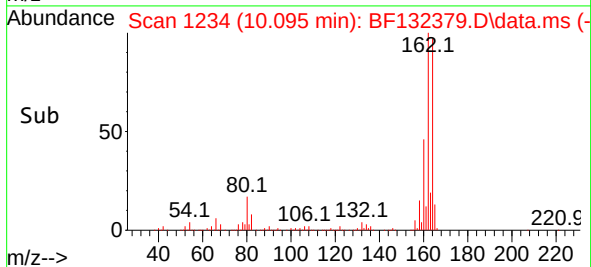
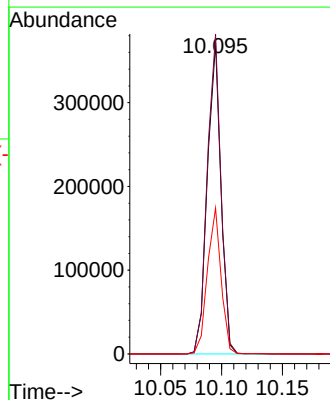
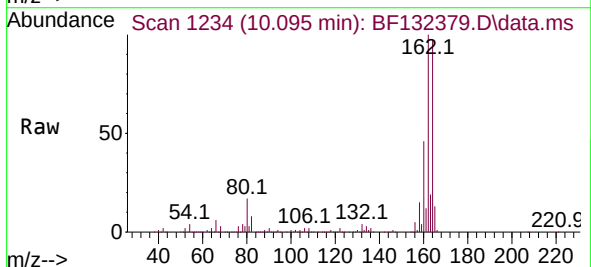
Instrument :
BNA_F
ClientSampleId :
RS-3

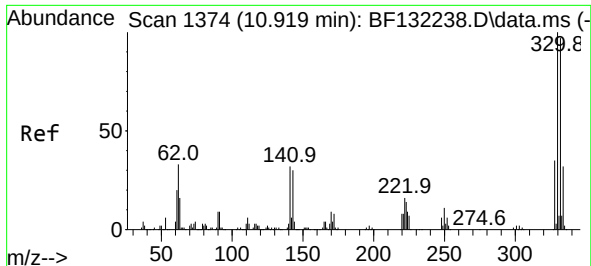
Tgt Ion: 82 Resp: 751063
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 38.4 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion: 164 Resp: 290395
Ion Ratio Lower Upper
164 100
162 103.1 82.0 123.0
160 47.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 145.233 ng

RT: 10.889 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

Instrument :

BNA_F

ClientSampleId :

RS-3

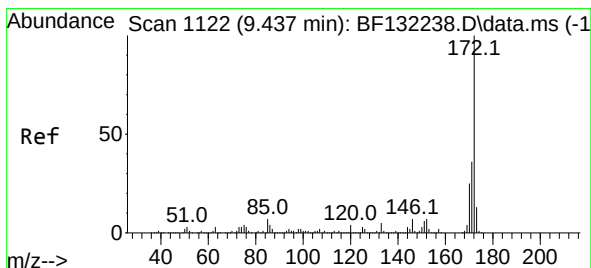
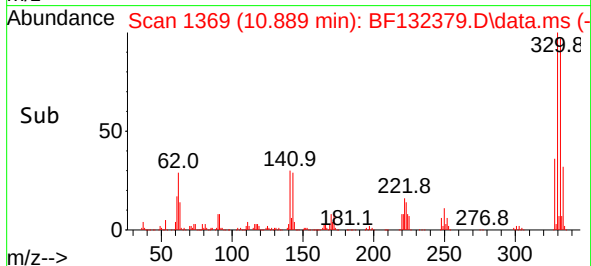
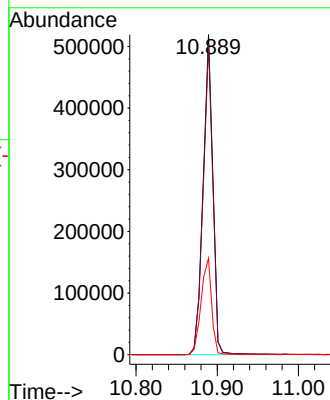
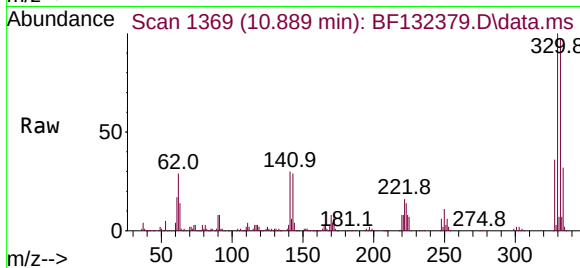
Tgt Ion:330 Resp: 433710

Ion Ratio Lower Upper

330 100

332 96.8 77.9 116.9

141 32.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 76.891 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132379.D

Acq: 09 Feb 2023 15:26

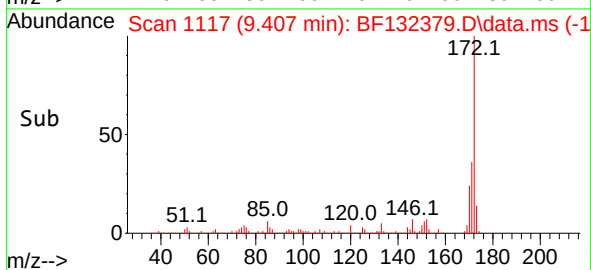
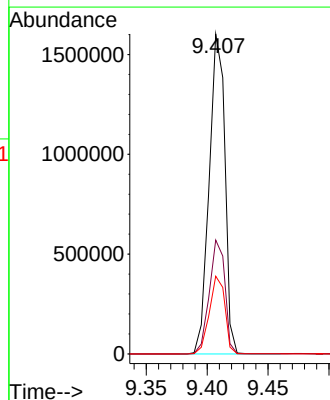
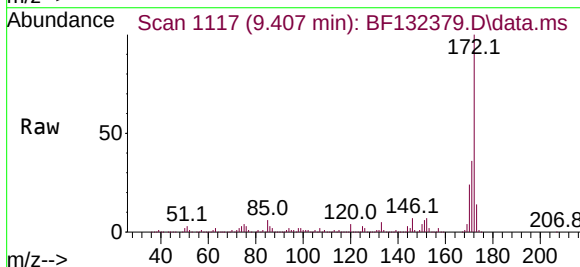
Tgt Ion:172 Resp: 1445929

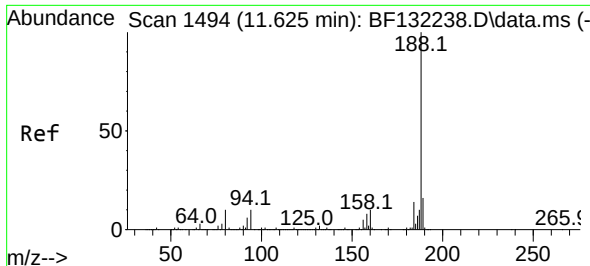
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.3 19.7 29.5

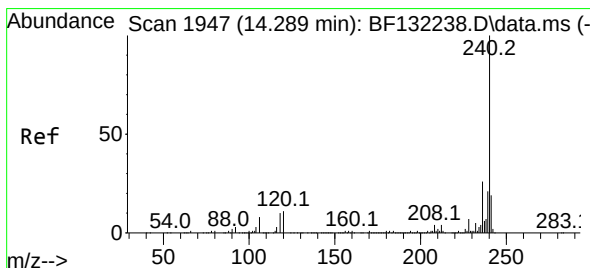
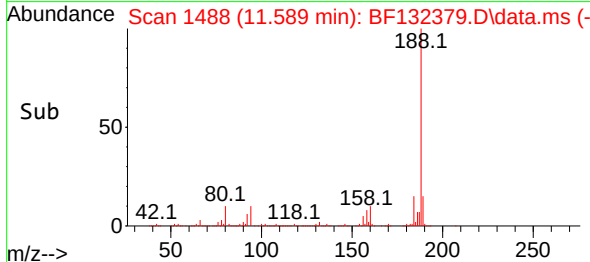
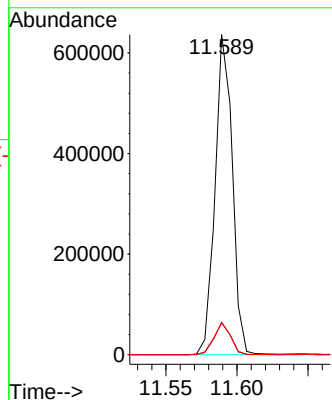
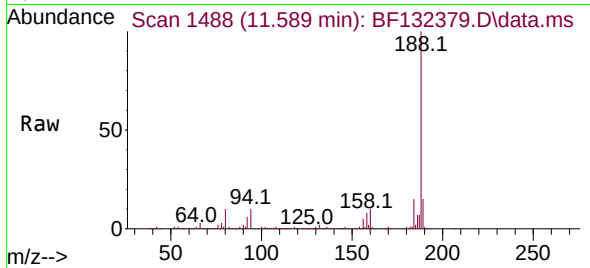




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

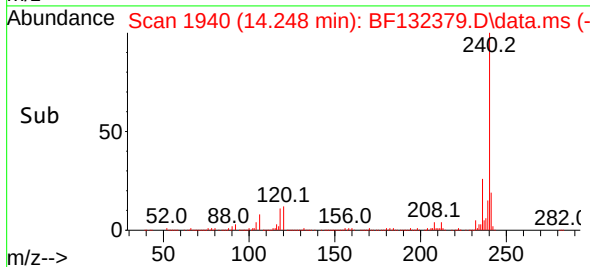
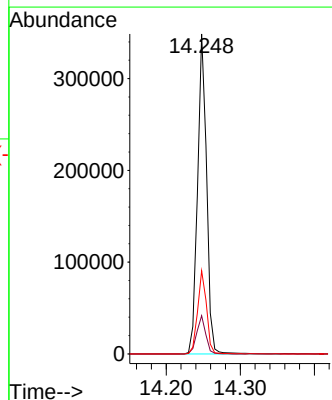
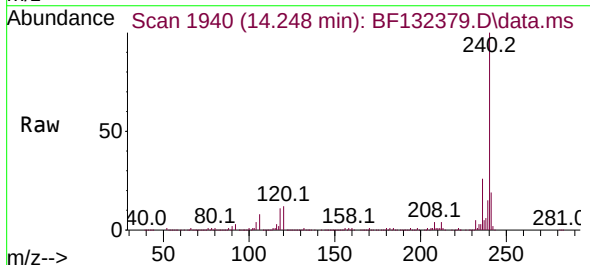
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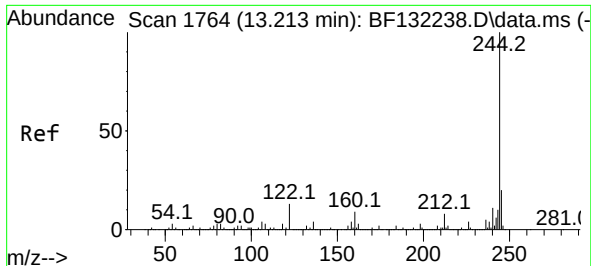
Tgt Ion:188 Resp: 538258
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 9.9 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132379.D
Acq: 09 Feb 2023 15:26

Tgt Ion:240 Resp: 295908
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 26.0 21.0 31.6

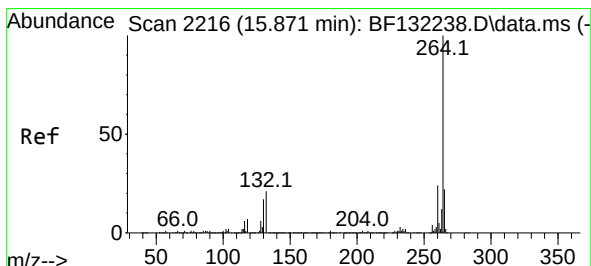
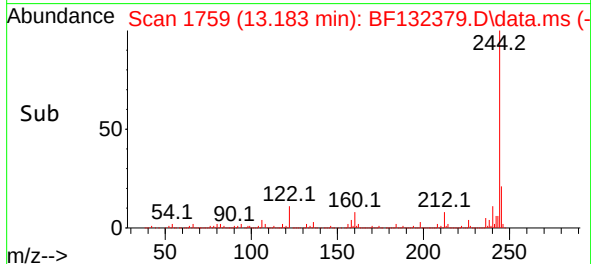
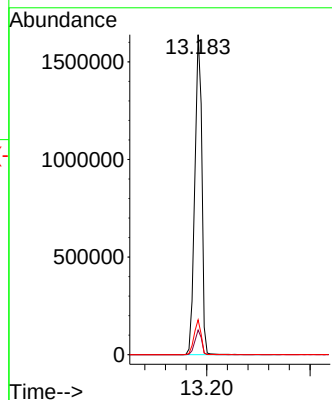
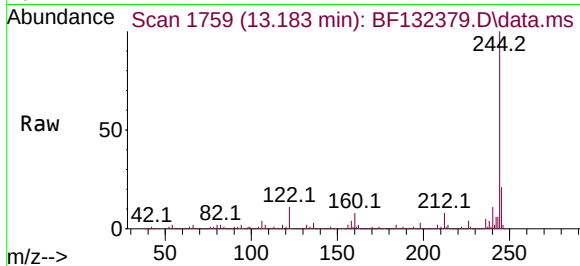




#79
 Terphenyl-d14
 Concen: 100.439 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132379.D
 Acq: 09 Feb 2023 15:26

Instrument :
 BNA_F
 ClientSampleId :
 RS-3

Tgt Ion:244 Resp: 1536418
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 10.9 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132379.D
 Acq: 09 Feb 2023 15:26

Tgt Ion:264 Resp: 274011
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.4
 265 21.3 17.4 26.2

